

Seq ID 2

RESULT 8
ZMRAB17G
LOCUS ZMRAB17G 1986 bp DNA linear PLN 07-APR-1993
DEFINITION Maize RAB-17 gene.
ACCESSION X15994
VERSION X15994.1 GI:22461
KEYWORDS RAB-17 gene.
SOURCE Zea mays.
ORGANISM Zea mays
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; PACC
clade; Panicoideae; Andropogoneae; Zea.
REFERENCE 1 (bases 1 to 1986)
AUTHORS Pages,M.
TITLE Direct Submission
JOURNAL Submitted (02-AUG-1989) Pages M., Consejo Superior Investigaciones
Cientificas, Dpto Genetica Molecular CID (CSIC), Jorge Girona
Salgado 18-26, 08034 Barcelona, Spain
REFERENCE 2 (bases 1 to 1986)
AUTHORS Vilardell,J., Goday,A., Freire,M.A., Torrent,M., Martinez,M.C.,
Torne,J.M. and Pages,M.
TITLE Gene sequence, developmental expression, and protein
phosphorylation of RAB-17 in maize
JOURNAL Plant Mol. Biol. 14 (3), 423-432 (1990)
MEDLINE 91346629
COMMENT Data kindly reviewed (14-MAY-1990) by Pages M.
FEATURES
source Location/Qualifiers
1. .1986
/organism="Zea mays"
/strain="AC-1503"
/db_xref="taxon:4577"
CAAT_signal 445. .448
TATA_signal 529. .533
precursor_RNA 559. .1546
/gene="RAB-17"
exon 559. .902
/gene="RAB-17"
/number=1
gene 559. .1546
/gene="RAB-17"
CDS join(654. .902,1040. .1297)
/gene="RAB-17"
/codon_start=1
/protein_id="CAA34123.1"
/db_xref="GI:295856"
/db_xref="MaizeDB:Locus/12580"
/db_xref="SWISS-PROT:P12950"
/translation="MEYQQQQRGHGRTGHVDQYGNPVGGVVEHGTGGMRHGTGTTGGM
GQLGEHGGAGMGGGQFPAREEHKTGGILHRSGSSSSSSSEDDGMGGRKKGIKEKIK
EKLPGGHKDDQHATATGGAYGQQGHTGSAYGQQGHTGGAYATGTGEGTGEKKGIMDKI
KEKLPGQH"
intron 903. .1039
/gene="RAB-17"
/number=1
exon 1040. .1546
/gene="RAB-17"
/number=2

BASE COUNT	533 a	481 c	487 g	485 t
ORIGIN				

Query Match 100.0%; Score 27; DB 8; Length 1986;
Best Local Similarity 100.0%; Pred. No. 0.11;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ttcgagaagaaccgagacgtggcgggc 27
 |||
 Db 339 TTCGAGAAGAACCgAGACGTGGCGGGC 365